

3/33 PLUSPAT - (C) QUESTEL-ORBIT

PN - JP2001328317 A 20011127 [JP2001328317]

TI - (A) PRINTER

PA - (A) RICOH KK

IN - (A) OGAWA SATOSHI

PR - 2000JP-0150820

IC - (A) B41J-005/30 B41J-029/38 G06F-003/12

AB - (JP2001328317)

PROBLEM TO BE SOLVED: To obtain a printer apparatus in which the number of recording sheets being used can be limited effectively for each of a large number of users.

- SOLUTION: When a command for setting a limit number of sheets is delivered from a host unit 3 to each user, a decision is made whether a storage medium 16, e.g. an IC card, is set at a card I/F 15. If it is set, a decision is made whether the number of sheets currently set in the storage medium exceeds a settable number of sheets or not. User name and information of the limit number of sheets are written in the storage medium if the settable number of sheets is not exceeded, otherwise the fact is informed to the host unit 3 or displayed on an operating panel 4. When the storage medium is not set, a decision is made whether the number of sheets currently set in an NV-RAM 11 exceeds a settable number of sheets or not. User name and information of the limit number of sheets are written in the NV-RAM if the settable number of sheets is not exceeded, otherwise the fact is informed or displayed.

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4/33 PLUSPAT - (C) QUESTEL-ORBIT

PN - US2001038760 A1 20011108 [US20010038760]

US6337961 B2 20020108 [US6337961]

JP2000187581 A 20000704 [JP2000187581]

TI - (A1) PRINT CONTROL METHOD AND APPARATUS, AND PRINTER

PA - (B2) CANON KK (JP)

IN - (A1) NISHIKAWA SATOSHI (JP); NAKAGIRI KOJI (JP); MORI YASUO (JP); KUJIRAI YASUHIRO (JP)

PR - 1998JP-0365514

IC - (A1) G03G-015/00

PCL - ORIGINAL (O) : 399082000; CROSS-REFERENCE (X) : 399077000 399079000

AB - (US20010038760)

A quotient (rounding up at one decimal place) obtained by dividing a user-designated number UNum of copies by a limit number PNum of copies unique to a printer is set as a number J of print jobs. PNum copies of print data obtained by one despool operation are printed. After printing of the PNum copies is performed (J-1) times, the number of copies for the final job (Jth job) is calculated. Since PNum \* (J-1) copies have already been output at that time, N copies as the remainder of division of UNum by PNum suffice to be printed by the final job. Hence, the N copies are printed as the number of copies for the Jth print job, and printing is complete. This makes it possible to print the user-designated number of copies regardless of the printer limitation.

5/33 PLUSPAT - (C) QUESTEL-ORBIT

PN - JP2001117737 A 20010427 [JP2001117737]

TI - (A) IMAGE FORMING SYSTEM

PA - (A) RICOH KK

IN - (A) IKEGAMI MUNEMITSU

PR - 1999JP-0295809

IC - (A) B41J-029/00 G06F-003/12